**SPECIFICATIONS**

**WARRANTY**
Guaranteed for Life™. Warranted for as long as the instrument is supported by Industrial Scientific Corporation (excludes sensors, batteries, and filters). O₂, LEL, CO, and H₂S sensors warranted for three years. All other sensors warranted for two years. Pumps and batteries are warranted for two years.

**KEYPAD**
Two buttons for operation. Dedicated panic button.

**DATA LOG**
At least 3 months at 10-second intervals

**EVENT LOGGING**
60 alarm events

**INGRESS PROTECTION**
IP68 (submersion at 1.5 meters for 1 hour)

**CASE MATERIAL**
Polycarbonate with protective rubber overmold

**DIMENSIONS**
104 x 58 x 36 mm (4.1 x 2.3 x 1.4 in) without pump
172 x 67 x 65 mm (6.8 x 2.6 x 2.6 in) with pump

**WEIGHT**
200 g (7.05 oz), typical without pump
390 g (13.76 oz), typical with pump

**HUMIDITY RANGE**
15%-95% non-condensing (continuous)

**TEMPERATURE RANGE**
-40 °C to 50 °C (-40 °F to 122 °F) **

**DISPLAY/READOUT**
Backlit liquid crystal display (LCD)

**WIRELESS**
Optional LENS™ Wireless, proprietary mesh network
Frequency: ISM license-free band (2.4 GHz)
Max Peers: 25 devices per network group
Range: 100 m (300 ft) line of sight, face-to-face
Encryption: AES-128
Approvals: FCC Part 15, IC, CE/RED, others

**POWER SOURCE/RUN TIME**
Rechargeable lithium-ion battery pack with LEL
(12 hours typical @ 20 °C) – without pump
Rechargeable extended-range lithium-ion battery pack with LEL
(23 hours typical @ 20 °C) – without pump
(18 hours typical @ 20 °C) – with pump
Rechargeable lithium-ion battery pack with IR
(36 hours typical @ 20 °C) – without pump
Rechargeable extended-range lithium-ion battery pack with IR
(72 hours typical @ 20 °C) – without pump
(32 hours typical @ 20 °C) – with pump

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**DETECTION CAPABILITIES**

<table>
<thead>
<tr>
<th>Simultaneous Gases</th>
<th>Ventis Pro4</th>
<th>Ventis Pro5</th>
</tr>
</thead>
<tbody>
<tr>
<td>O₂</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>LEL/CH₄</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>CO</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>H₂S</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>SO₂</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>NO₂</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>CO/H₂ Low</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>HCN</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>PH₃</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>NH₃</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>CO/H₂S</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>CH₄ IR</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>CO₂/LEL IR</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>CO₂/CH₄ IR</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>
**SPECIFICATIONS**

**ALARMS**
Four visual alarm LEDs (two red, two blue);
95 decibel (dB) audible alarm at a distance of 10 cm (3.94 in);
Vibration alarm

**SENSORS**
- Combustible Gases/Methane – Catalytic Bead
- O₂, CO, CO/H₂, low, H₂S, HCN, NH₃, NO₂, PH₃, SO₂ – Electrochemical
- CH₄, CO/LEL, CO₂/CH₄ – Infrared

**MEASURING RANGES**

**CATALYTIC BEAD**
- **Combustible Gases:** 0-100% LEL in 1% increments
- **Methane (CH₄):** 0-5% of vol in 0.01% increments

**ELECTROCHEMICAL**
- Ammonia (NH₃): 0-500 ppm in 1 ppm increments
- Carbon Monoxide (CO): 0-2,000 ppm in 1 ppm increments
- Carbon Monoxide (CO/H₂, low): 0-1,000 ppm in 1 ppm increments
- Carbon Monoxide/Hydrogen Sulfide: CO: 0-1,500 ppm in 1 ppm increments
  H₂S: 0-500 ppm in 0.1 ppm increments
- Hydrogen Sulfide (H₂S): 0-500 ppm in 0.1 ppm increments
- Hydrogen Cyanide (HCN): 0-30 ppm in 0.1 ppm increments
- Nitrogen Dioxide (NO₂): 0-150 ppm in 0.1 ppm increments
- Oxygen (O₂): 0-10 ppm in 0.01 ppm increments
  Phosphine (PH₃): 0-10 ppm in 0.01 ppm increments
  Sulfur Dioxide (SO₂): 0-150 ppm in 0.1 ppm increments

**INFRARED**
- **Methane (CH₄):** 0-5% vol in 0.01% increments
  5-100% vol in 0.1% increments
- **Carbon Dioxide/Combustible:** CO₂: 0-5% vol in 0.01% increments
  LEL: 0-100% LEL in 1% increments
- **Carbon Dioxide/Methane:** CH₄: 0-5% vol in 0.01% increments
  CH₄: 5-100% vol in 0.1% increments

**CERTIFICATIONS**
- UL: Class I, Division 1, Groups A, B, C, and D, in the Temperature Class T4
  Class II, Division 1, Groups E, F, and G, in the Temperature Class T4
  Class I, Zone 0, AEx ia IIC, in the Temperature Class T4
  Class I, Zone 1, AEx ia II C, in the Temperature Class T4, with IR sensor
- ATEX: Equipment Group and Category II 1G, Ex ia IIC, with the protection
  Category Ga, in the Temperature Class T4
  Equipment Group and Category II 2G, Ex d ia IIC, with the protection category
  Gb, in the Temperature Class T4, with IR sensor
- IECEx: Class I, Zone 0, Ex ia IIC, with the protection technique Ga, in the
  Temperature Class T4
  Class I, Zone 1, Ex d ia IIC, with the protection technique Gb, in the
  Temperature Class T4, with IR sensor
- CSA: Class I, Division 1, Groups A, B, C, and D, in the Temperature Class T4
  Class I, Zone 1, Ex d ia IIC, in the Temperature Class T4
- MSHA: 30 CFR Part 22; Permissible for underground mines
- INMETRO: Ex ia IIC T4 Ga, -40 °C ≤ Ta ≤ 50 °C
  Ex d ia IIC T4 Gb with IR sensor, -20 °C ≤ Ta ≤ 50 °C with IR sensor
- ANZEx: Ex ia I Ma/Ex ia IIC T4 Ga, -40 °C ≤ Ta ≤ 50 °C
  Ex d ia I Mb/Ex d ia IIC T4 Gb with IR sensor, -20 °C ≤ Ta ≤ 50 °C with IR sensor

See www.indsci.com/VentisProBuilder for all certifications.

**SUPPLIED WITH MONITOR**
- Calibration Cup (Ventis), Sample Tubing (Ventis with pump), Reference Guide

**LANGUAGE**
- English, French, Spanish, German, Italian, Dutch, Portuguese, Polish

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**Raise the Bar on Worker Safety With the Ventis Pro Series**

Stop carrying multiple instruments to meet your gas detection needs. The Ventis™ Pro Series with LENS™ Wireless has you covered whether you need unique four-gas or expanded five-gas sensor options—all in the most configurable multi-gas monitors on the market.

**Simplify Gas Detection For Your Users**
Communicate key safety information to your team, simplify the user’s response when an instrument goes into alarm, and reduce nuisance alarms and false evacuations thanks to customizable text options.

**Demand More Flexibility From Your Gas Detector**
The Ventis Pro4 and Ventis Pro5 offer a variety of sensor options with flexible slot positions to help you detect combustible and toxic gases across a range of applications.

**Alert Others in Emergency Situations**
Save precious time in emergency situations by quickly alerting nearby workers when someone is in distress or has lost consciousness.

** Depend on a Rugged Design**
Keep your instruments in the field, not the shop, thanks to an all-new overmold design and Guaranteed for Life™ warranty.

**Track Instruments & Alarms**
Address recurring alarms, identify hazards, and improve asset management by assigning users and sites to each gas monitor in real time with iAssign™ Technology.

Build and price your Ventis Pro online with the INSTRUMENT BUILDER
www.indsci.com/VentisProBuilder